

## INTERNATIONAL SEARCH REPORT

Internat Application No  
PCT/US 03/30004A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06F19/00 A61B6/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 72216 A (JOERGENSEN JAN TROEST ;HYLDSTRUP LARS (DK); ROSHOLM ANDERS (DK); T) 30 November 2000 (2000-11-30) page 5, line 19 -page 16, line 9 ---	7,8
X	WO 02 22014 A (ANDRIACCHI THOMAS P ;UNIV LELAND STANFORD JUNIOR (US); STEINES DAV) 21 March 2002 (2002-03-21) cited in the application the whole document ---	7,8
X	US 5 320 102 A (O'BYRNE ELIZABETH ET AL) 14 June 1994 (1994-06-14) column 2, line 40 -column 11, line 25; claims 1-19 ---	7,8 -/-



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search  12 February 2004	Date of mailing of the international search report  25/02/2004
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Internat Application No  
PCT/US 03/30004

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 673 298 A (MAZESS RICHARD B) 30 September 1997 (1997-09-30) column 3, line 20 -column 25, line 25 -----	7,8
Y	US 4 721 112 A (HIRANO YOSHIO ET AL) 26 January 1988 (1988-01-26) column 1, line 55 -column 9, line 10 -----	7,8

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US 03/30004

### Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: 1-6, 9-61 because they relate to subject matter not required to be searched by this Authority, namely:  
Claims 1, 9-61: Diagnostic method Rule 39.1(iv) PCT; Claims 5, 6: Method for treatment of the body by therapy Rule 39.1(iv) PCT; Claims 2-4: Rule 39.1(vi) PCT – Program for computers Rule 39.1(iv) PCT;
2.  Claims Nos.: – because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

The additional search fees were accompanied by the applicant's protest.  
 No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

**Continuation of Box I.2**

The present claims 7 and 8 do not define the subject-matter of the invention in terms of technical features within the meaning of Article 6.3 PCT.

Consequently, the search has been carried out for those parts of the application which appear to be supported and disclosed, namely those parts relating to systems for diagnosing bone diseases, mentioned in the description par. 13, 35, 95.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal PCT/US	Application No 03/30004		
Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0072216	A 30-11-2000	AU 4744500 A WO 0072216 A1 EP 1121661 A1	12-12-2000 30-11-2000 08-08-2001
WO 0222014	A 21-03-2002	AU 9088801 A CA 2425120 A1 EP 1322225 A1 WO 0222014 A1	26-03-2002 21-03-2002 02-07-2003 21-03-2002
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US 5673298	A 30-09-1997	US 5577089 A US 5509042 A US 5291537 A US 5228068 A US 5306306 A AU 5796896 A WO 9639936 A1 CA 2200969 A1 EP 0793446 A1 JP 10509074 T WO 9615719 A1 US 6438201 B1 US 5745544 A US 6038281 A US 5533084 A US 5841833 A US 5841832 A WO 9406351 A1 US 6160866 A AU 667127 B2 AU 4854593 A CA 2123432 A1 DE 69325790 D1 DE 69325790 T2 EP 0611290 A1 EP 0783869 A1 JP 2719444 B2 JP 6511184 T US 5305368 A US 6081582 A US RE36162 E US 5287546 A US 5480439 A EP 0755219 A1 WO 9625086 A1	19-11-1996 16-04-1996 01-03-1994 13-07-1993 26-04-1994 30-12-1996 19-12-1996 30-05-1996 10-09-1997 08-09-1998 30-05-1996 20-08-2002 28-04-1998 14-03-2000 02-07-1996 24-11-1998 24-11-1998 31-03-1994 12-12-2000 07-03-1996 12-04-1994 31-03-1994 02-09-1999 30-12-1999 24-08-1994 16-07-1997 25-02-1998 15-12-1994 19-04-1994 27-06-2000 23-03-1999 15-02-1994 02-01-1996 29-01-1997 22-08-1996
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